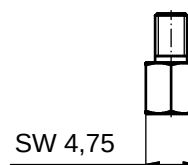
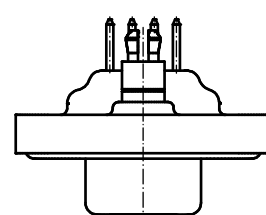
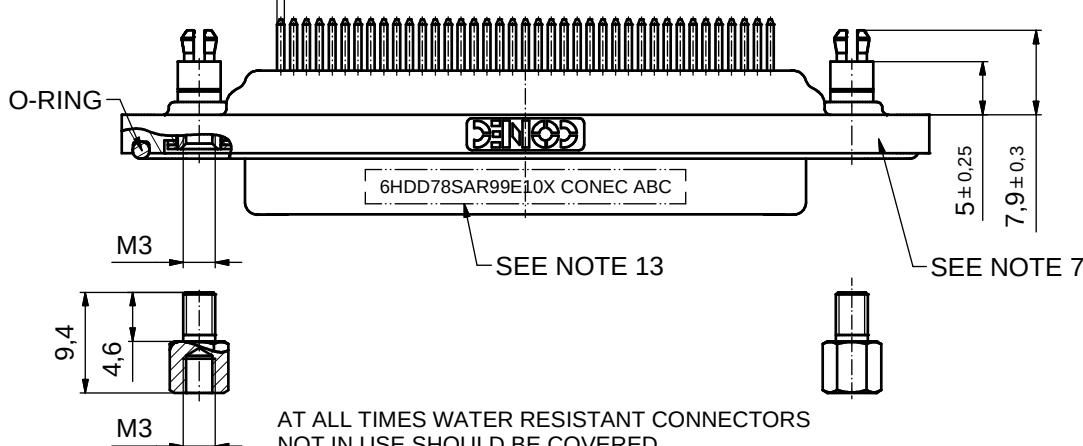
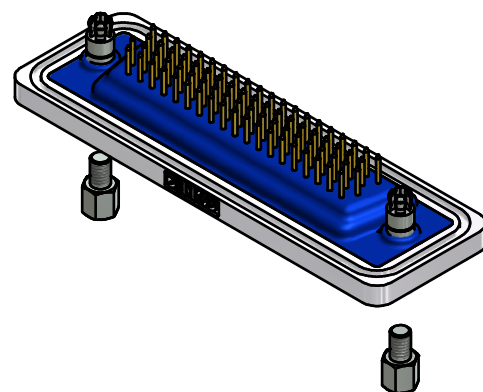
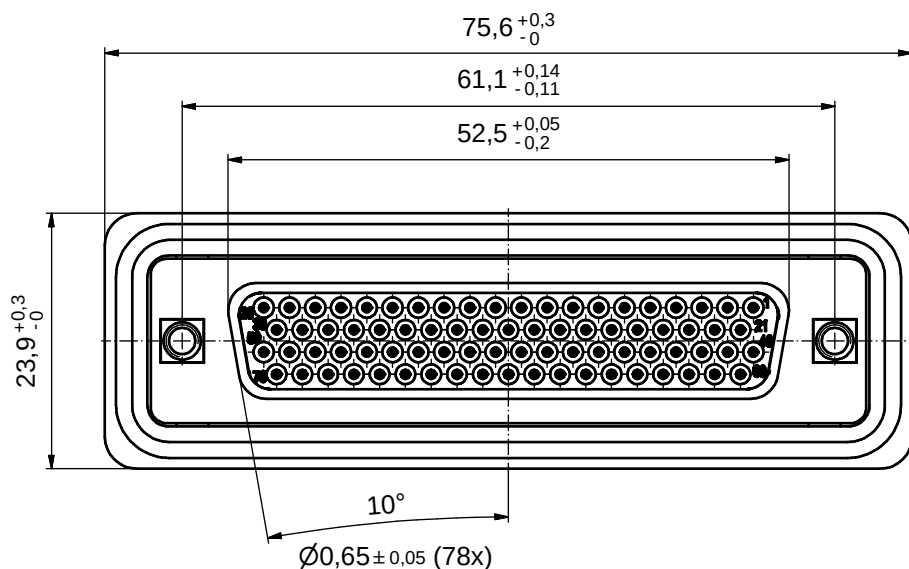
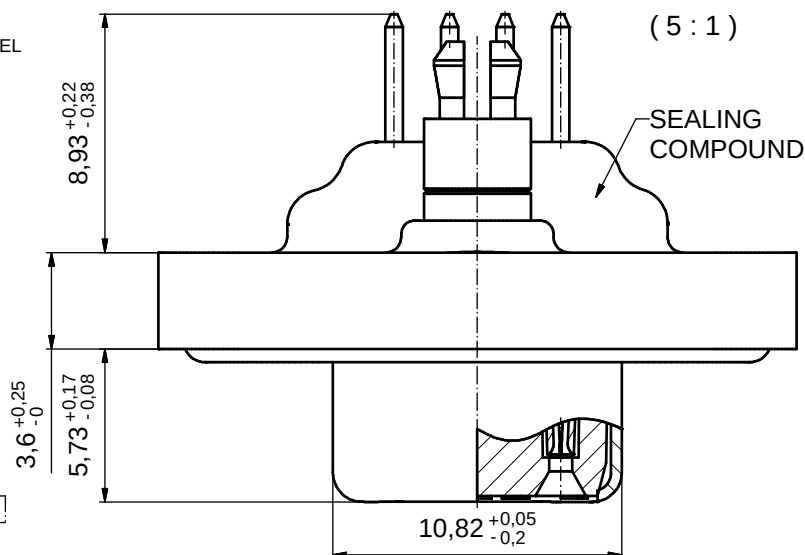


NOTES:

- FOR WAVESOLDERING (SOLDER BATH TEMPERATURE 240°C FOR 5 SEC.
AND SOLDER PREHEAT 120°C FOR 120 SEC.)
- METALSHELLS: COPPER ALLOY; min. 315µin TIN over 40-80µin NICKEL
- INSULATOR: PBT GF UL 94 V-0; BLACK
- CONTACTS: COPPER ALLOY
PLATING: GOLD FLASH over NICKEL
- THREADED SPACER CLIPS:
COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
PCB-HOLE: $\varnothing 3,1 \pm 0,1$; PCB THICKNESS 1,6mm
- COLLARS: COPPER ALLOY; min. 200µin TIN over 80µin NICKEL
- FRAME: ZINC DIE CAST; NICKEL PLATED
- O-RING: SILICON; BLUE
- HEXLOCKING SCREWS: STAINLESS STEEL
- SEALING COMPOUND: PUR; BLUE
- P.C.B. HOLE DRILLINGS and
RECOMMENDED PANEL CUT-OUT ON SHEET 2
- RECOMMENDED TORQUE FOR MOUNTING SCREW
35Ncm (3,1 in.LB) / max. 40Ncm (3,5 in.LB)
- CONNECTOR IS PART MARKED: **6HDD78SAR99E10X CONEC ABC**



AT ALL TIMES WATER RESISTANT CONNECTORS
NOT IN USE SHOULD BE COVERED
WITH A CONEC WATER RESISTANT CAP
OR WATER TIGHT HOOD.

Directive 2002/95/EC RoHS compliant

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH DO NOT ALTER CAD DRAWING BY HAND					tolerance		 dim. in mm	scale: 2:1 (5:1)		
								material: SEE NOTES		
					date		name		title: D-SUB FEMALE HD 78pos. SOLDER PIN STRAIGHT with threaded spacer clip and hexlocking screw	
					drawn 26.01.12		Henneboel			
					appd. 26.01.12		Fischer			
					norm					
					d-old				dwg no: 15K1A998 part no: 6HDD78SAR99E10X	
							DIN-A3 sh: 1/2			
	a	Original								
rev.	description	date	name							

P.C.B. HOLE DRILLINGS

(P.C.B. TOP SIDE)

Technical drawing of a PCB top side showing hole drillings. The drawing includes a grid of 78 holes with dimensions for hole size, pitch, and overall layout. Key dimensions include a 45.847 ± 0.05 mm horizontal distance, a 61.1 ± 0.11 mm horizontal distance, and a 2.08 ± 0.1 mm vertical distance. Two large circular features are labeled Ø3.1 ± 0.1 (2x).

RECOMMENDED PANEL CUT-OUT

Technical drawing of a recommended panel cut-out. The drawing shows a rectangular panel with rounded corners and two circular mounting holes. The dimensions and tolerances are as follows:

- Overall width: $56,3 \pm 0,1$
- Overall height: $14,1 \pm 0,1$
- Distance between mounting holes: $61,1 \pm 0,1$
- Mounting hole diameter: $\varnothing 3,1 \pm 0,05$ (2x)
- Corner radius: $R3,4 \pm 0,13$
- Panel thickness: $0,26$ (indicated at both ends)
- Panel material: $10^\circ \pm 1^\circ$

THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH					tolerance		 dim. in mm	scale: 3:1	
								material: see sheet1	
					date	name	title: P.C.B. HOLE DRILLINGS PANEL CUT-OUT D-SUB Female HD 78pos. Solder pin straight		
					drawn	26.01.12 Henneboel			
					appd.	26.01.12 Fischer			
					norm				
					d-old		dwg no:		DIN- A3 sh: 2/2
									
	a	Original					part no: SEE SHEET 1		
	rev.	description	date	name					